



TECHNICAL DATA SHEET

PW256

Description

PennWhite^{Ltd} PW256 is a blend of 75% decamethylcyclopentasiloxane and 25% dodecamethylcyclohexasiloxane with low viscosity, a relatively high volatility and a cyclic structure. It is non-polar and insoluble in water but completely miscible in lower alcohol's, aliphatics, aromatics, and halogenated solvents.

The CTFA designation for PennWhite^{Ltd} PW256 is: Cyclomethicone

- Volatility
- Spreadability
- Excellent lubricity
- Compatible with many organic materials, solvents
- No oily residue
- Dry-non greasy feel
- Improved wet combing
- Greater flexibility in formulating cosmetic products

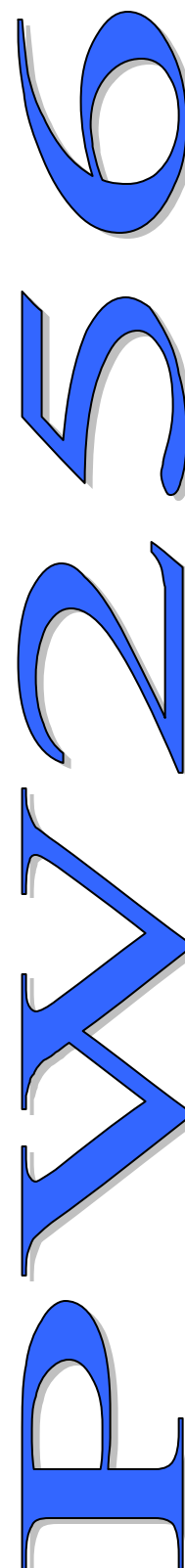
TYPICAL USES:

- Antiperspirants
- Skin Care Products
- Sunscreen Products
- Hair Conditioners
- Facial Make-Up

Typical Properties

Property	Value	Unit
Viscosity at 25°C	4.5	mm ² /s ⁻¹
Density at 25 °C	0.96	g/cm ⁻³
Pour point	-30	°C
Flash point	83	°C
Refractive Index	1.397	
Boiling Point	212	°C

These values are not intended for use in preparing specifications (see table).



STORAGE & SHELF LIFE:

When stored in its original containers at temperature below 25 °C PW256 has a minimum shelf life of 12 months.

SAFE HANDLING PROCEDURES:

Safe handling procedures for this product can be found in the MSDS for this material which is supplied upon request.

This information is issued as a guide and every effort is made to ensure that it is accurate and in accordance with latest technical developments. We cannot accept responsibility for results as we have not control over the conditions under which our products are used.